



AVOX Systems

SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

TEST DATA SHEET FOR P/N 801292 Series Oxygen Regulator Assembly

1. BACKGROUND

- A. CMM H-173 specifies the tests that must be passed in order to return a unit to service. This SIL provides a standardized form on which to record the results of the required functional tests. This form will be incorporated into the CMM at the next revision.
- B. You are authorized to copy the form on page 2. If you copy the form on page 2 you must copy all of the form.
- C. Use this form only for the AVOX Systems components printed on the form. Do not use this form for any other AVOX Systems components or for any components of another company.

2. EFFECTIVITY

- A. Aircraft
The Test Data Sheet on page 2 can be used for all units whether removed from any aircraft or from spares inventory.
- B. This SIL applies to all Oxygen Regulator Assemblies in the 801292 Series.

3. MATERIALS

The only material required by this SIL is the Test Data Sheet on page 2.

4. ACCOMPLISHMENT OF SIL

- A. Make complete copies of the Test Data Sheet on page 2.
- B. Use a copy of the Test Data Sheet from page 2 to record the results of tests whenever a P/N 801292 Series Oxygen Regulator Assy is tested.

5. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

First tier operators:

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H-173
TEST DATA SHEET
801292 Series Oxygen Regulator Assembly

Tested by: _____

Date: _____

Part Number: 801292-_____

Inspected by: _____

Date: _____

Serial Number: _____

Refer to Paragraphs D. and F. in CMM H-173.

D. Inspection, Repair, and Replacement

Inspect the assembly and parts for evidence of external damage, scoring, thread damage, and overall condition. Verify no evidence of deterioration to elastomer components. Verify any parts that are no longer serviceable have been replaced.

☐ FAIL ☐ PASS

F.1. Internal Leakage Test

Perform an internal leakage test.

Inlet Pressure (psig)	0.001 lpm Allowed MAX.
1800 to 1900	☐ FAIL ☐ PASS

F.2. External Leakage Test

Perform an external leakage test.

Inlet Pressure (psig)	0.010 lpm Allowed MAX.
1800 to 1900	☐ FAIL ☐ PASS
200	☐ FAIL ☐ PASS

F.3. Full Flow Test

Perform a full flow test only on 801292-00, -01, -02, -04.

Inlet Pressure (psig)	150 lpm Minimum Flow (for -00, -01, -04)	100 lpm Minimum Flow (for -02)
200	☐ FAIL ☐ PASS	☐ FAIL ☐ PASS

F.4. Regulated Flow Test

Perform a regulated flow test.

Outlet Flow (lpm)	Allowable Outlet Pressure (psig)	Actual Outlet Pressure (psig)	Actual Outlet Pressure (psig)
		Inlet Pressure (psig)	
P/Ns: 801292-00, -01, -04		300	1850
10	55 - 80		
200	55 - 80		
0	89 MAX.		
		Inlet Pressure (psig)	
P/N: 801292-02		200	1850
10	43 - 67		
70	43 - 67		
0	80 MAX.		
		Inlet Pressure (psig)	
P/N: 801292-03		300	1850
10	100 - 135		
100	100 - 135		
0	140 MAX.		

F.5. Lever Actuating Force Test

Perform a lever actuating force test (Turn "ON" & Turn "OFF").

Lever Actuating Force ("ON" & "OFF")	Inlet Pressure 200 psig	Inlet Pressure 1800-1900 psig
5 lbs Max. (801292-00)	☐ FAIL ☐ PASS	☐ FAIL ☐ PASS
3 lbs Max. (801292-01 thru -04)	☐ FAIL ☐ PASS	☐ FAIL ☐ PASS

NOTE: FLOWS ARE GIVEN FOR OXYGEN TEST GAS @ NTPD.
 APPLY THE APPROPRIATE CORRECTION FACTOR IF
 ANOTHER MEDIUM IS USED.